

Date: Fri, 10 Dec 93 04:30:41 PST  
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>  
Errors-To: Ham-Equip-Errors@UCSD.Edu  
Reply-To: Ham-Equip@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Equip Digest V93 #127  
To: Ham-Equip

Ham-Equip Digest                      Fri, 10 Dec 93                      Volume 93 : Issue 127

Today's Topics:

    Alinco DJ-580T Battery operation problem  
        Comments on Autek RF-1 Wanted  
        Current mod servers (2 msgs)  
            For Sale  
    HT antenna recommendation sought  
        Kits?  
    Looking for repairable HF rig  
        manual needed  
        Mods -> Kenwood TS-450  
        New Ham 'bout to arrive  
        Ramsey FX-146 & FX-440  
    Receive broadcast FM on 2m mobile antenna?

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>  
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Tue, 7 Dec 1993 21:42:58 GMT  
From: sdd.hp.com!caen!sol.ctr.columbia.edu!howland.reston.ans.net!spool.mu.edu!  
olivea!news.bu.edu!att!cbnewsm!hellman@network.ucsd.edu  
Subject: Alinco DJ-580T Battery operation problem  
To: ham-equip@ucsd.edu

In article <2e01cjINNd32@no-names.nerdc.ufl.edu>, peloquin@qtp.ufl.edu (Renee P.  
Peloquin) writes:

>

> My husband, Robert N300K, and I have noticed a problem that has  
> developed lately with our DJ-580T during battery operation.

> Sometimes, the power cuts out for no apparant reason, and without  
> warning. The problem seems to be with whatever switch is in the 12V  
> DC power input, since poking around in there with a Bic pen cap  
> (plastic, of course) always restores normal operation for the next few  
> hours of use (including turning the power on and off, moving the  
> radio, removing and reattaching the battery pack, etc.).  
> We have never noticed any problem when we run it from the power supply.  
>  
>  
> 73 and thanks for your help  
>  
> Renee Peloquin Mattie, N300K  
> peloquin@qtp.ufl.edu  
> --  
> Renee Peloquin Mattie  
> peloquin@qtp.ufl.edu

Renee: I think you found your problem. It is the 12v dc jack.  
It probably is configured  
to disconnect the battery when ever you have a dc plug inserted. You can  
check the schemetic to see if this is the case. If so, you may be able to  
clean the offending contacts (contact cleaner and dragging through a piece  
of white heavy bond paper to wipe it clean). Or you may have to replace  
the connector. (an interestingly effective contact cleaner for such cases  
is a TINY drop of WD 40).The connector may be defective,ie, too little  
contact pressure.  
Shel Darack WA2UBK dara@physics.att.com

-----  
Date: Mon, 6 Dec 1993 20:53:12 GMT  
From: sgiblab!sdd.hp.com!hpscit.sc.hp.com!cupnews0.cup.hp.com!bobh@ames.arpa  
Subject: Comments on Autek RF-1 Wanted  
To: ham-equip@ucsd.edu

I am considering buying the Autek RF-1 SWR/Impedence/L/C/Freq meter, as  
advertised in QST Dec'93 p 160. Does anyone out there have one? I'd be  
interested in how well it works, ease of tuning, etc, etc. Thanks in  
advance.

Bob Headrick WA7OVU  
bobh@cup.hp.com

-----  
Date: Wed, 8 Dec 1993 03:27:45 GMT  
From: netcomsv!netcom.com!msattler@decwrl.dec.com  
Subject: Current mod servers

To: ham-equip@ucsd.edu

Derek B. Noonburg (derekn@vw.ece.cmu.edu) wrote:

: msattler@netcom.com (Michael Sattler) writes:

: > Could someone please post the addresses of current mod servers?

: Here is my list of ftp sites:

Thank you very much.

--

---

Michael S. Sattler	msattler@netcom.com	+1 (415) 621-2903
Digital Jungle Software	Encrypt now; ask me how.	(finger for PGP key)

All that is required for evil to triumph is  
for {wo}men of good will to do nothing.

---

Date: Mon, 6 Dec 1993 21:33:27 GMT  
From: netcomsv!netcom.com!msattler@decwrl.dec.com  
Subject: Current mod servers  
To: ham-equip@ucsd.edu

Could someone please post the addresses of current mod servers?  
I remember that one was closing down a while back and I lost  
the pointers I had to others...

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Michael S. Sattler	msattler@netcom.com	+1 (415) 621-2903
Digital Jungle Software	Encrypt now; ask me how.	(finger for PGP key)

All that is required for evil to triumph is  
for {wo}men of good will to do nothing.

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Date: 8 Dec 1993 20:34:09 GMT  
From: news.cerf.net!lsi.lsil.com!plf10!willis@network.ucsd.edu  
Subject: For Sale  
To: ham-equip@ucsd.edu

Two power tubes for sale: 3CX3000A7, \$550 each.

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Date: 9 Dec 93 13:24:04 GMT  
From: ditdah!mjohnsto@uunet.uu.net  
Subject: HT antenna recommendation sought  
To: ham-equip@ucsd.edu

I'm the proud owner of a new Yaesu FT11R 2m HT as of two days ago. So far I absolutely love this unit (a review is forthcoming once I've had more time to play with all the features,etc). I wonder if someone could recommend to me an HT antenna for this unit that will give me some gain. AEA has a bunch of them in the catalogue, but the choice is a bit bewildering.

Recommendations anyone?

--

Michael R. Johnston           Linux Technical Support Service: lssinfo@Morse.Net  
mjohnsto@Morse.Net           Linux on Disk: linux@Morse.Net  
Morse Telecommunications   Unlimited, flat-rate Usenet feeds: netinfo@Morse.Net

-----  
Date: Wed, 8 Dec 1993 00:17:20 GMT  
From: news.Hawaii.Edu!uhunix3.uhcc.Hawaii.Edu!jherman@ames.arpa  
Subject: Kits?  
To: ham-equip@ucsd.edu

To get an excellent source of almost all kit manufacturers (both here in the US and in England), do the following: Write an email to info@arrl.org and in the body of the message only write:

KITS  
QUIT

What you will get back (in a couple hours) is a Q&A dialog on kit building followed by a long address list of manufacturers and what they make.

This email server is provided by the ARRL (American Radio Relay League), the only real representative body for U.S. amateurs.

To get the entire list of files they provide, also write:

HELP  
INDEX  
QUIT     [QUIT should be the very last command you send - this is an automated server - it won't know what to do with your .sig unless you say QUIT]

Many thanks to the ARRL for this and all services they provide.

Jeff NH6IL

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Date: 10 Dec 1993 01:49:41 GMT  
From: pacbell.com!sgiblab!swrinde!cs.utexas.edu!howland.reston.ans.net!  
usenet.ins.cwru.edu!agate!etch-eshop.Berkeley.EDU!ron@network.ucsd.edu  
Subject: Looking for repairable HF rig  
To: ham-equip@ucsd.edu

Hello

As the subje~~t~~ line says, I'm looking to get my first HF rig. I haven't gotten a licence yet but I'm working on it.

Not wanting to spend alot of money, I'd like to get an older set that is in of repair. I've been watching this news group for awhile now but haven't seen anything advertised that I'm after.

I've got in mind something like a Heath HW 101, usb/lwb/cw 10-80 mtr xcvr. Anyone got something like this collecting dust ?

I'll also need the schematics and documentation. I'm open to suggestions too.

Thanks,

Ron Viegelahn

ron@etcheshop.Berkeley.EDU

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Date: Tue, 7 Dec 93 12:59:00 -0600  
From: sdd.hp.com!vixen.cso.uiuc.edu!howland.reston.ans.net!agate!iat.holonet.net!  
netconnect!ann.young@network.ucsd.edu  
Subject: manual needed  
To: ham-equip@ucsd.edu

1;0c!

-----  
Date: Wed, 8 Dec 1993 09:55:56 GMT  
From: world!Gumby@uunet.uu.net  
Subject: Mods -> Kenwood TS-450  
To: ham-equip@ucsd.edu

I am looking for ANY mods for the Kenwood TS-450, but really want to know how to set it up for 11M TX/RX.

Email

gumby@ace.com

gumby@world.std.com

-----  
Date: 6 Dec 93 19:49:17 GMT  
From: rtech!ingres!kerry@decwrl.dec.com  
Subject: New Ham 'bout to arrive  
To: ham-equip@ucsd.edu

In article <1993Dec5.140617.23359@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>In article <2dmlo1\$eij@umcc.umcc.umich.edu> hoagy@umcc.umcc.umich.edu (Matthew Rupert) writes:

>>

>>In January 1994, I'll be taking my technician class ham test.

>>Aside from the fact that I'm overwhelmed with a lot of the 'technical'

>>aspects, here's my problem.

>>

>>Q2: I don't wish to spend \$5,000 for a super-duper rig. I want something

>> simple, easy-to-use-and-set-up, and HOPEFULLY under \$700. Used equipment

>> is not out of the question. For my needs, is this also a dream?

>

>This is not a dream. There are many options depending on what you want  
>to do. If your interest is mainly FM and repeaters, there are many many  
>good radios for under \$700 that will fill the bill. Look at mobile rigs  
>that you can operate in the apartment with a 12 volt power supply. New  
>prices start under \$300 and peak around \$900. Used prices will, of course,  
>be less. If you're adventurous, you can convert an old commercial radio  
>to amateur service. These are usually very high quality radios that show  
>up in surplus for \$20-\$100. Look for Motorola or GE radios at hamfests.  
>Many of these run 100 watts or so and have excellent receivers.

As an additional suggestion, consider investing \$\$\$ into a good antenna, feedline, and connectors. \$100 spent in this area could well be equivalent to \$200-\$500 in transmitter power.

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Date: Fri, 3 Dec 1993 14:48:00 GMT  
From: dog.ee.lbl.gov!agate!library.ucla.edu!europa.eng.gtefsd.com!  
howland.reston.ans.net!sol.ctr.columbia.edu!news.kei.com!ub!acsu.buffalo.edu!  
ubvms.cc.buffalo.edu!v125pemm@network.ucsd.edu

Subject: Ramsey FX-146 & FX-440  
To: ham-equip@ucsd.edu

In article <1993Dec2.151112.1791@news.unr.edu>, jim@unssun.scs.unr.edu (James Mueller) writes...

>I would like to hear comments on the Ramsey FX-146 & FX-440 kits. Has  
>anyone built either of these? How well do they perform? Are there many  
>of them on the air?

In short,

The Ramsey FX-440 kit is junk!

I have been working on mine off and on for over a year and cant get it to work!

Every ham I have talked to has had the exact same problems as myself, even  
a friend who had no problems building both the 2m and 220 kits.

IMHO they tried to go cheap on design and didn't properly design the board  
for UHF.

73

Tim O'Hara

KB2KFC

V125PEMM @ UBVMS.CC.BUFFALO.EDU

-----  
Date: Fri, 10 Dec 1993 00:32:57 GMT  
From: pacbell.com!sgiblab!swrinde!cs.utexas.edu!math.ohio-state.edu!  
magnus.acs.ohio-state.edu!csn!col.hp.com!news.dtc.hp.com!hpscit.sc.hp.com!  
cupnews0.cup.hp.com!news1.boi.hp.com!riyadth@@  
Subject: Receive broadcast FM on 2m mobile antenna?  
To: ham-equip@ucsd.edu

Hello,

I was wondering.. (here I go, getting myself in trouble again!) .. if  
it would be possible to install a 2m antenna on my car in place of my  
standard antenna, and have some type of adapter that would allow me to  
use it with a(n) HT and also with my stereo (without damaging either one).  
Has anyone tried this? I don't know how broadcast AM/FM reception will  
be affected, but everything I listen to around here can be heard with  
little or no antenna at all, so I don't think that will suffer too much.

I remember seeing combination CB/AM/FM antennas advertised in the  
past, with some kind of isolator to prevent the CB from overloading the  
AM/FM receiver. Is there any similar product for Amateur Radio use?  
Otherwise, I guess I'll just buy a magnetic mount antenna for amateur

use -- but it sure would be nice to have a more permanent solution.

-Riyadth Al-Kazily  
riyadth@boi.hp.com

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```
{ Riyadhth Al-Kazily      KB7YWE   DoD #295   '83 BMW R65   '77 Volvo 242DL }
{ riyadth@boi.hp.com      | When am i going to have time to use all this      }
{ (208) 396-4987          | stuff I'm collecting? More important, how can      }
{ Boise, Idaho            | I get more stuff? Amiga 500+ (+ stuff, that is) }
```

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Date: 9 Dec 1993 13:43:03 -0500  
From: panix!not-for-mail@uunet.uu.net  
To: ham-equip@ucsd.edu

References <HIDEG.93Nov29001108@spsd10b.irim.org>,  
<Nov29.150745.66533@yuma.ACNS.ColoState.EDU>,  
<HIDEG.93Dec8113009@spsd10b.irim.org>p  
Subject : Re: IC-27A hum

In <HIDEG.93Dec8113009@spsd10b.irim.org> hideg@spsd10b.irim.org ([Steve Hideg])  
writes:

>To reiterate:

>\* Noticable audio hum when transmission between 144 and 146 MHz.  
>\* NOT 60Hz  
>\* can be heard on speaker audio when squelch is closed  
>\* more prevalent on high power  
>\* independent of CTCSS settings (even occurs when no tone is selected)

>Any other ideas?

How do you keep it from humming? Teach it the words.

--

Carl Oppedahl AA2KW  
Oppedahl & Larson (patent lawyers)  
Yorktown Heights, NY  
voice 212-777-1330

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Date: Tue, 7 Dec 93 00:26:00 GMT  
From: ncrqw2.ncr.com!ncrhub2!torynews!kevin@uunet.uu.net  
To: ham-equip@ucsd.edu



References <8476.2cfe2338@hayes.com>, <2dngp5\$mp4@oak.oakland.edu>,  
<2dnk8j\$99s@cville-srv.wam.umd.edu>a.go  
Subject : Re: entry-level rigs - recommendations?

In article <2dnk8j\$99s@cville-srv.wam.umd.edu> ham@wam.umd.edu (Scott Richard Rosenfeld) writes:

>

>As to the point of contention about the \$1000 boxes, there ARE some compro-  
>mises. At a hamfest, you can get a used TS-120/130/180 for between \$300 and  
>\$400. You can get a used 430S for \$450. You can get a used 520S, arguably  
>one of the toughest radios ever made, for \$300.

>I didn't get tired of my TS-520S for six years, and I still have it. It's  
>a great rig, and would be even better if it were general coverage, had a

...

>Yes, I know of people (K3BEQ for one) who have DXCC Honor Roll #1 with  
>nothing newer than a TS-830S that he's had for a LONG time.

Newer definitely does not mean better. I'm sure there's a few engineers at Kenwood who would rather have an 830 than a 950 just because they're \*so\* much easier to work on. I have a TS-830S, and two friends of mine in San Diego liked it enough that each found one for himself. When you 950 owners have to throw your radio into the landfill because you can't get replacement chips for it, my 830 will still be humming away.<I'd better duck!>

One advantage of a tube rig is that it is more tolerant of antenna mismatches, especially compared to older solid state equipment. The new solid state stuff is pretty bulletproof, but older solid state equipment may not have overcurrent protection for the finals. If you want to go mobile, however, solid state is the easiest way to go.

--

Kevin Sanders, KN6FQ  
kevin.sanders@torreypinesca.ncr.com  
kevin%beacons@cyber.net

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End of Ham-Equip Digest V93 #127

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